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NEWS
                 "Ask CAS" for self-help around the clock
NEWS
         Jul 12 BEILSTEIN enhanced with new display and select options,
NEWS
                 resulting in a closer connection to BABS
                 IFIPAT/IFIUDB/IFICDB reloaded with new search and display
         AUG 02
NEWS
                 fields
                 CAplus and CA patent records enhanced with European and Japan
         AUG 02
NEWS
     5
                 Patent Office Classifications
                 The Analysis Edition of STN Express with Discover!
         AUG 02
NEWS
                 (Version 7.01 for Windows) now available
                 BIOCOMMERCE: Changes and enhancements to content coverage
NEWS
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         AUG 27
                 BIOTECHABS/BIOTECHDS: Two new display fields added for legal
         AUG 27
NEWS
                 status data from INPADOC
                 INPADOC: New family current-awareness alert (SDI) available
NEWS 9
         SEP 01
                 New pricing for the Save Answers for SciFinder Wizard within
         SEP 01
NEWS 10
                 STN Express with Discover!
                 New display format, HITSTR, available in WPIDS/WPINDEX/WPIX
         SEP 01
NEWS 11
                 STN Patent Forum to be held October 13, 2004, in Iselin, NJ
         SEP 14
NEWS 12
                 STANDARDS will no longer be available on STN
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NEWS 13
                 SWETSCAN will no longer be available on STN
NEWS 14
         SEP 27
NEWS EXPRESS JULY 30 CURRENT WINDOWS VERSION IS V7.01, CURRENT
              MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
              AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004
              STN Operating Hours Plus Help Desk Availability
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NEWS LOGIN
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              Direct Dial and Telecommunication Network Access to STN
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Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'HOME' ENTERED AT 13:28:33 ON 19 OCT 2004

=> file reg

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 18 OCT 2004 HIGHEST RN 765254-38-4 DICTIONARY FILE UPDATES: 18 OCT 2004 HIGHEST RN 765254-38-4

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at: http://www.cas.org/ONLINE/DBSS/registryss.html

Uploading C:\Program Files\Stnexp\Queries\10670535.str

```
11 18 19 20
              21
ring nodes :
1 2 3 4
                         10
                                 13
          5
                   8
chain bonds :
          10-11 11-14
                       19-20
                              19-21
2-19 8-18
ring bonds :
                                                    12-13 12-17 13-14 14-15
                               5-10 7-8
                                           8 - 9
                                               9-10
                       4-7
                            5-6
1-2 1-6 2-3
             3 - 4
                  4 - 5
15-16 16-17
exact/norm bonds :
             2-19 3-4 5-6 10-11 11-14 19-21
1-2 1-6 2-3
exact bonds :
8-18 19-20
normalized bonds :
                  8-9 9-10 12-13 12-17 13-14 14-15 15-16 16-17
4-5 4-7 5-10 7-8
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chain nodes :

10/670,535

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:CLASS 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:CLASS 19:CLASS 20:CLASS 21:CLASS

L1 STRUCTURE UPLOADED

=> s 11

SAMPLE SEARCH INITIATED 13:29:13 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 0 TO ITERATE

100.0% PROCESSED 0 ITERATIONS 0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*
BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 0 TO 0

PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 full FULL SEARCH INITIATED 13:29:23 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 3 TO ITERATE

100.0% PROCESSED 3 ITERATIONS 2 ANSWERS

SEARCH TIME: 00.00.01

L3 2 SEA SSS FUL L1

=> d 1-2 sam cbib pi

L3 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2004 ACS on STN

IN Pyrimido[5,4-d]pyrimidine-2,8-diamine, 3-acetyl-6-chloro-N8-(3-chloro-4-

fluorophenyl) -3,4-dihydro-N2-(1-methyl-4-piperidinyl) - (9CI)

MF C20 H22 C12 F N7 O

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

PI

REFERENCE 1: 137:263052 Procedure for the production of 4,6-diaminopyrimido[5,4-d]pyrimidines. Lock, Ralf; Belzer, Werner; Rall, Werner (Boehringer Ingelheim Pharma K.-G., Germany). Ger. Offen. DE 10115921 A1 20021002, 12 pp. (German). CODEN: GWXXBX. APPLICATION: DE 2001-10115921 20010330.

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APPLICATION NO. DATE
                 KIND DATE
PATENT NO.
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DE 10115921
                  Α1
                       20021002
                                      US 2002-95926
                                                       20020312
                       20021226
US 2002198380
                  Α1
                       20040120
US 6680384
                  B2
                                                       20020326
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WO 2002079202
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        GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
        LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
        PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
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EP 1383770
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                       20040325
US 2004059114
                  Α1
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- L3 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2004 ACS on STN
- IN Pyrimido[5,4-d]pyrimidin-4-amine, 7-acetyl-2,6-dichloro-N-(3-chloro-4-fluorophenyl)-7,8-dihydro-(9CI)
- MF C14 H9 Cl3 F N5 O

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

REFERENCE 1: 137:263052 Procedure for the production of 4,6-diaminopyrimido[5,4-d]pyrimidines. Lock, Ralf; Belzer, Werner; Rall, Werner (Boehringer Ingelheim Pharma K.-G., Germany). Ger. Offen. DE 10115921 A1 20021002, 12 pp. (German). CODEN: GWXXBX. APPLICATION: DE 2001-10115921 20010330.

	PAT	CENT 1	NO.			ND	DATE			A.	PPLI	CATIO	ON NO	o.	DATE	- <b></b>		
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			LS,	LT,	LU,	LV,	MA,	MD,	MG,	MK,	MN,	MW,	MX,	MZ,	NO,	NΖ,	OM,	PH,
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STN INTERNATIONAL LOGOFF AT 13:30:12 ON 19 OCT 2004

Day: Tuesday Date: 10/19/2004



## PALM INTRANET

Time: 13:31:50

## **Inventor Information for 10/670535**

Inventor Name	City		State/Country		
BELZER, WERNER	ST. GOAR		GERMANY		
LOCK, RALF	MAINZ		GERMANY		
RALL, WERNER	MITTELBIBI	ERACH	GERMANY		
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